

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017577.D
 Acq On : 05 Mar 2024 17:30
 Operator : SY/MD
 Sample : P1684-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-030524

Quant Time: Mar 05 22:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

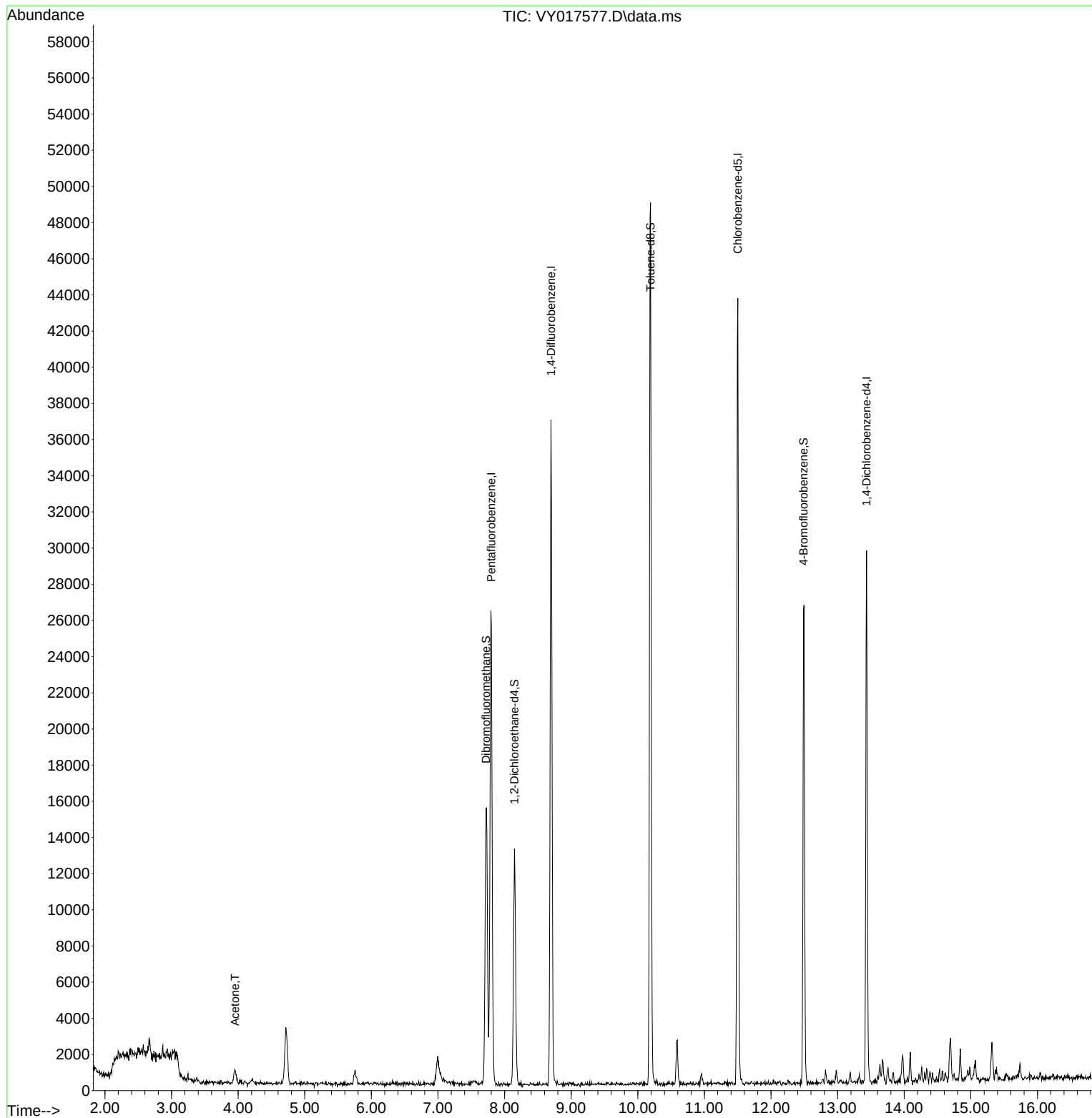
Internal Standards						
1) Pentafluorobenzene	7.801	168	22204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	26130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9882	46.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.920%
35) Dibromofluoromethane	7.722	113	11778	51.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.191	98	35333	44.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.489	95	7682	30.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.920%
Target Compounds						
16) Acetone	3.954	43	1270	31.115	ug/l	Qvalue 93

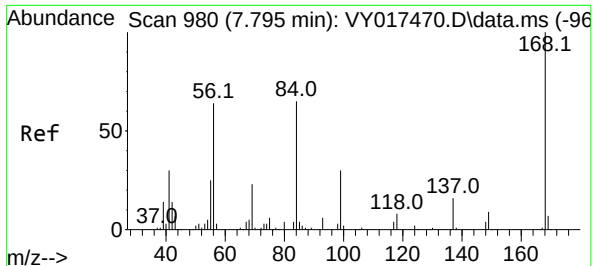
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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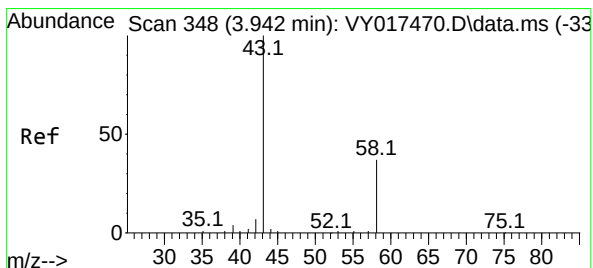
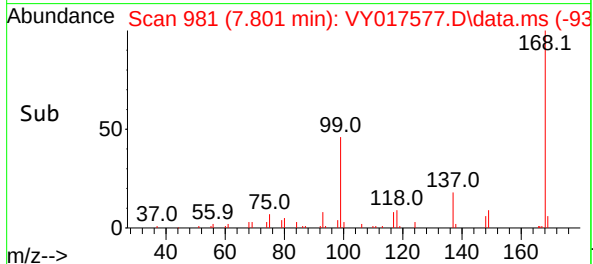
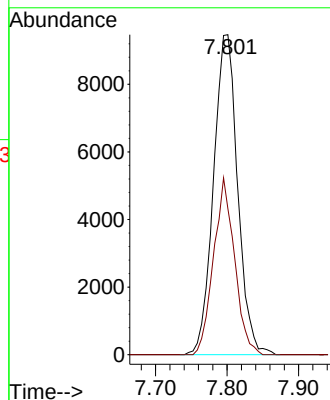
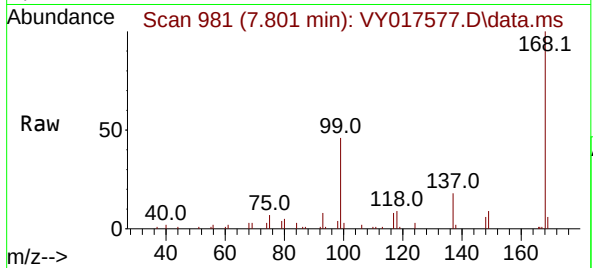




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

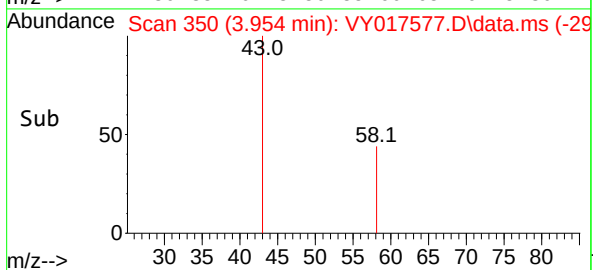
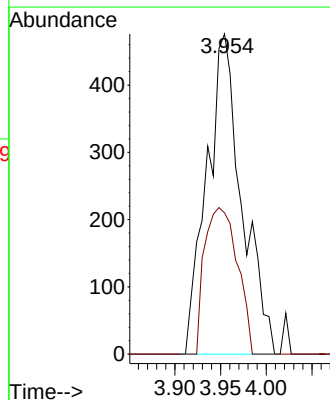
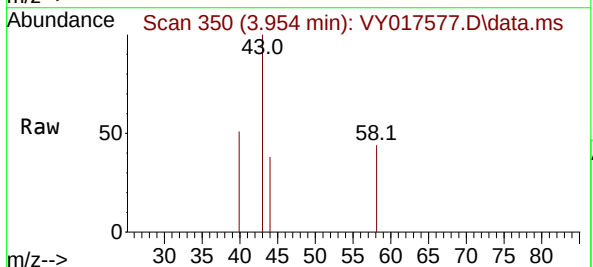
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

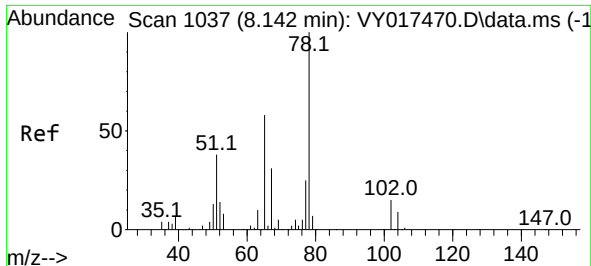
Tgt Ion:168 Resp: 22204
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#16
Acetone
Concen: 31.115 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 44.1 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 46.960 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

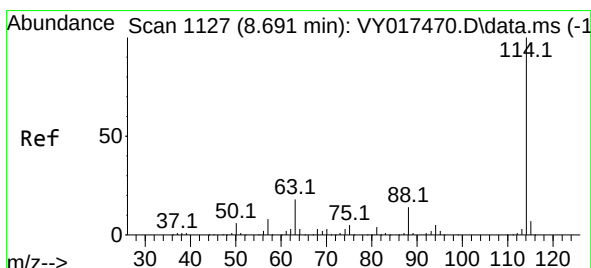
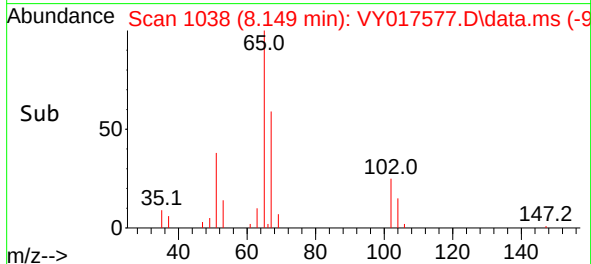
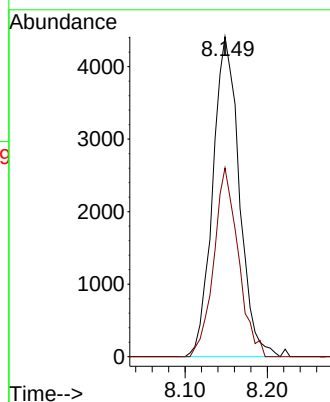
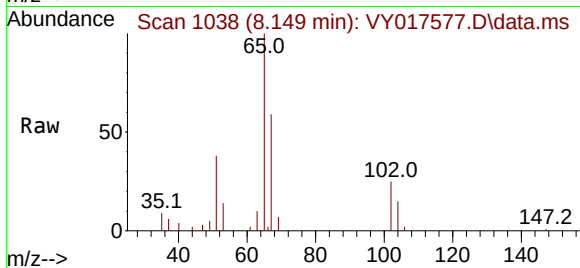
SU-03-030524

Tgt Ion: 65 Resp: 9882

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

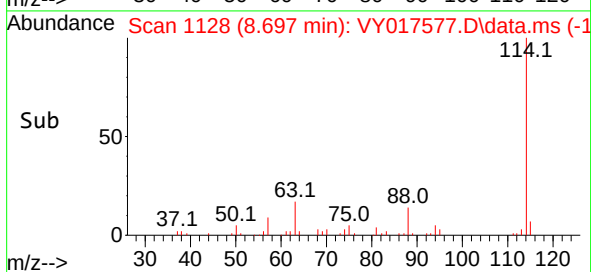
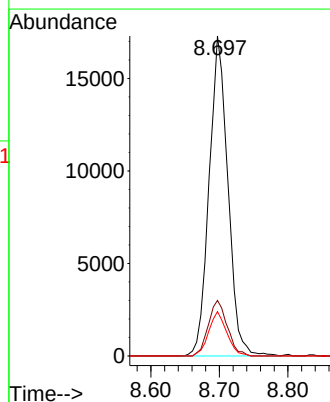
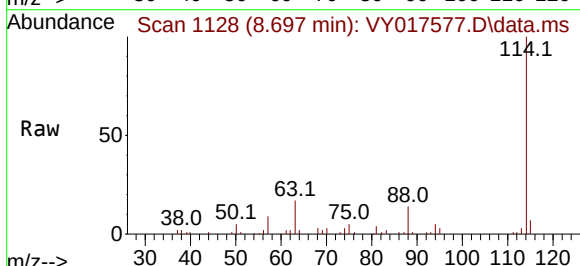
Tgt Ion: 114 Resp: 32937

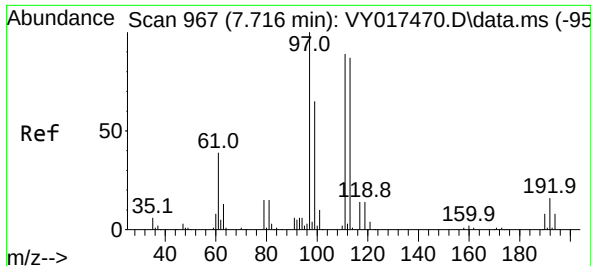
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.9 0.0 27.2

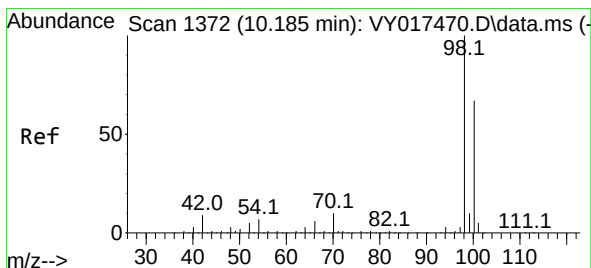
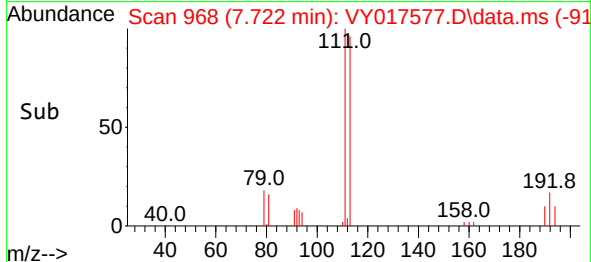
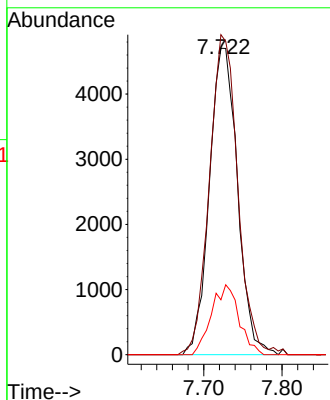
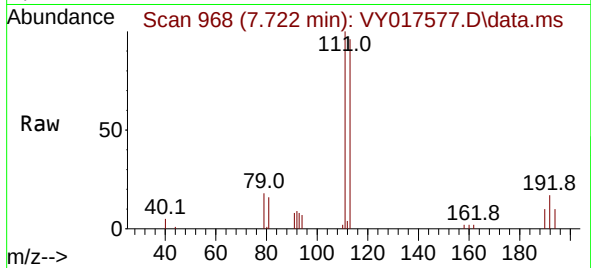




#35
Dibromofluoromethane
Concen: 51.317 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

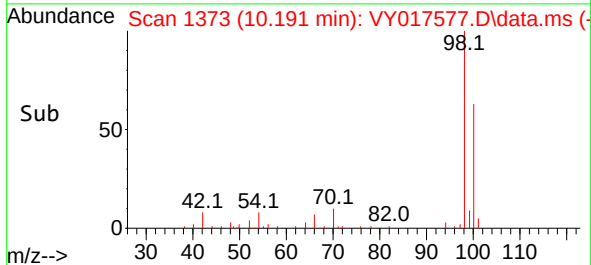
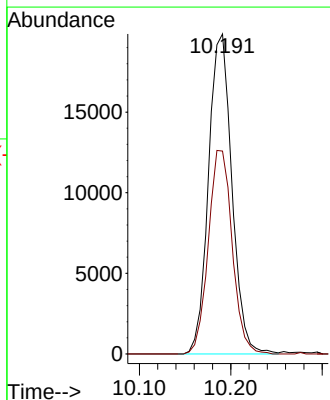
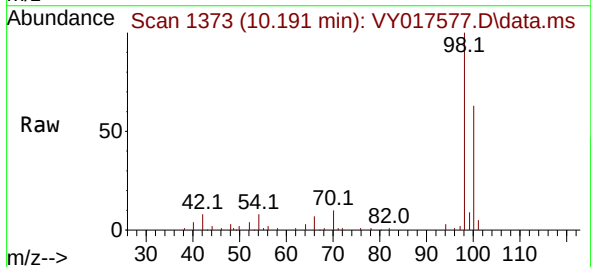
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-030524

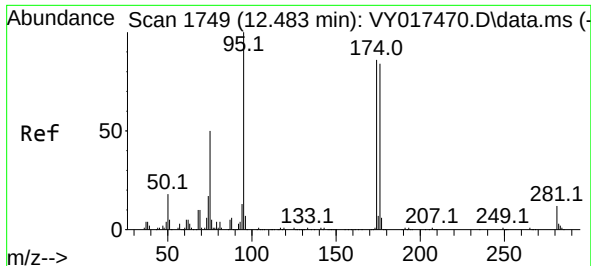
Tgt Ion:113 Resp: 11778
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 22.3 15.9 23.9



#50
Toluene-d8
Concen: 44.030 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017577.D
Acq: 05 Mar 2024 17:30

Tgt Ion: 98 Resp: 35333
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 30.461 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-030524

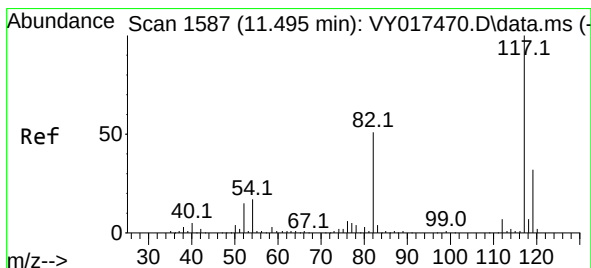
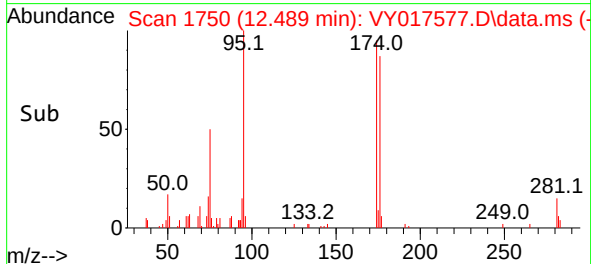
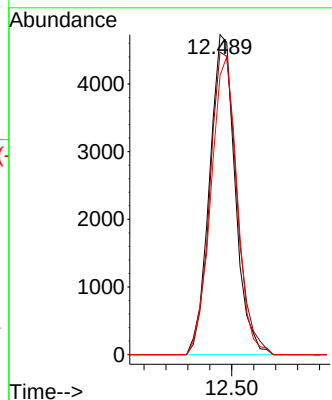
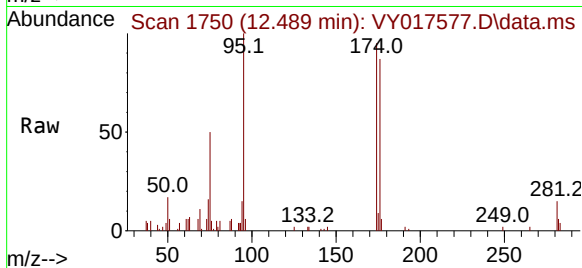
Tgt Ion: 95 Resp: 7682

Ion Ratio Lower Upper

95 100

174 99.3 0.0 175.6

176 95.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.006 min

Lab File: VY017577.D

Acq: 05 Mar 2024 17:30

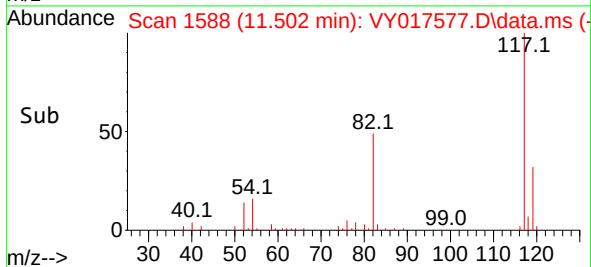
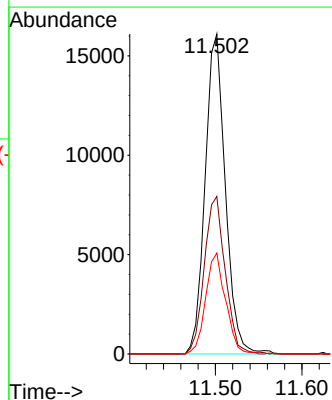
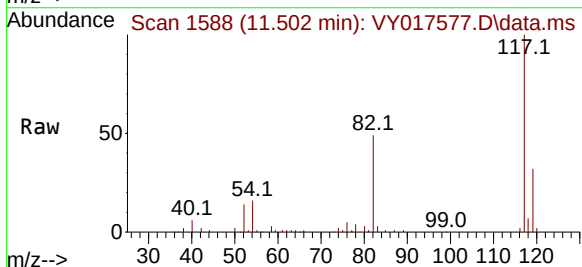
Tgt Ion: 117 Resp: 26130

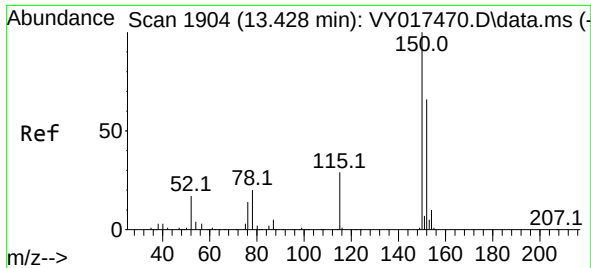
Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017577.D

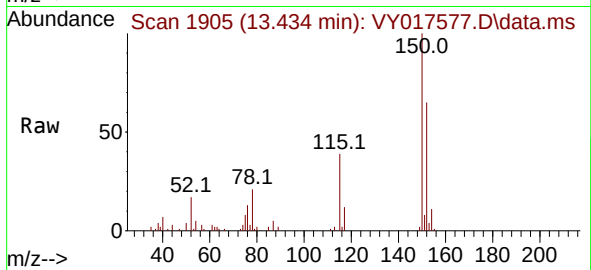
Acq: 05 Mar 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-030524



Tgt Ion:152 Resp: 8448

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 148.3 0.0 345.6

